

IN THE CLAIMS:

Please amend the claims pursuant to 37 C.F.R. § 1.121 as follows (see the accompanying "Marked-Up" version pursuant to § 1.121):

Please replace claims 27, 32, 36 and 38 with the following amended claims 27, 32, 36 and 38.

27. (Amended) A carriage for a roller skate in which each wheel is independently suspended on the carriage by a resilient suspension in which the suspension includes means for constraining the wheel to follow a predetermined path with respect to a body of the carriage upon deflection of the resilient suspension and the constraining means comprise one or more pivotally mounted trailing arm for respectively carrying each wheel, wherein a resilient suspension force is exerted by a torsion spring acting about a pivot axis of the trailing arm.

32. (Amended) A roller skate carriage as claimed in Claim 27, in which the path of the suspension travel of a wheel varies in direction with a variation in the magnitude of a movement about the pivot axis from a static load position.

36. (Amended) A roller skate carriage as claimed in Claim 27, in which the wheels are carried by respective pivoted trailing arms mounted for rotation about a respective axis pivotally substantially parallel to an axis of rotation of the wheel carried thereby.

C19 38. (Amended) A roller skate carriage as claimed in Claim 27, in which the resilient suspension force acting on each wheel is independently adjustable by respective adjustment means.

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07278

PATENT TRADEMARK OFFICE

Docket No: 9492/0K958-US0

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Norman BRIDGES

Serial No. 09/403,205

Art Unit: 3627

Confirmation No.: 6976

Filed: December 6, 1999

Examiner: Elaine L. GORT

For: A CARRIAGE FOR A ROLLER SKATE

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PENDING CLAIMS AS OF MARCH 4, 2003

Assistant Commissioner for Patents
Washington, DC 20231

27. (Amended) A carriage for a roller skate in which each wheel is independently suspended on the carriage by a resilient suspension in which the suspension includes means for constraining the wheel to follow a predetermined path with respect to a body of the carriage upon deflection of the resilient suspension and the constraining means comprise

one or more pivotally mounted trailing arm for respectively carrying each wheel, wherein a resilient suspension force is exerted by a torsion spring acting about a pivot axis of the trailing arm.

28. A roller skate carriage as claimed in Claim 27, wherein the orientation of each trailing arm in its resting position is variable.

29. A roller skate carriage as claimed in Claim 27, wherein the torsion spring is a coil spring in torsion.

30. A roller skate carriage as claimed in Claim 1, wherein the torsion spring is a helical coil spring.

31. A roller skate carriage as claimed in Claim 27, in which the path of movement of a wheel upon displacement of the suspension is non-linear.

32. (Amended) A roller skate carriage as claimed in Claim 27, in which the path of the suspension travel of a wheel varies in direction with a variation in the magnitude of a movement about the pivot axis from a static load position.

33. A roller skate carriage as claimed in Claim 27, in which the wheels are arranged in-line with one another along the body of the carriage in a single line.

34. A roller skate carriage as claimed in Claim 27, in which the resilient suspension of each wheel thereof is substantially undamped.

35. A roller skate carriage as claimed in Claim 27, in which the suspension travel of a wheel is inclined towards the rear carriage.

36. (Amended) A roller skate carriage as claimed in Claim 27, in which the wheel is carried by respective pivoted trailing arms mounted for rotation about a respective axis pivotally substantially parallel to an axis of rotation of the wheel carried thereby.

37. A roller skate as claimed in Claim 36, in which each said pivoted trailing arms houses a respective torsion spring urging the arm to turn in a first direction about its first axis with respect to the carriage body.

38. (Amended) A roller skate carriage as claimed in Claim 27, in which the resilient suspension force acting on each wheel is independently adjustable by respective adjustment means.

39. A roller skate carriage as claimed in Claim 38, in which the adjustment of the resilient suspension force is effected by adjustment of the angular position of a locating member held in place by frictional engagement with a fixed part of the carriage or a member carried thereby.

40. A roller skate carriage as claimed in Claim 27, in which there are provided abutment stops on the body of the carriage, engaged by a movable part of the suspension whereby to determine the maximum extension travel of a wheel suspension.

41. A roller skate carriage as claimed in Claim 40, in which the said abutment stops are adjustable whereby to adjust the said maximum extension position of a wheel.

42. A roller skate carriage as claimed in Claim 27, in which the body of the carriage comprises at least one elongate plate-like member on which a plurality of individual wheel suspensions are carried with the wheels in-line with one another.

43. A roller skate comprising a carriage as claimed in Claim 27, fixed to a boot for receiving and supporting the foot of a user.

44. A roller skate carriage as claimed in Claim 27, in which the suspension for each wheel includes a resilient member acting both to exert a resilient biasing force urging the wheel towards one end of its path of suspended travel with respect to the carriage and as a wheel guide member at least partly defining the path of travel of the wheel.